

CLAIMS

What is claimed:

1. In a network comprised of a multiplicity of computers, each computer having a communication device, each computer having an operating system with interfaces for communication connectivity and synchronization, a method for using a service, the method comprising:
 - a. a first component of software executing on a first computer and registering as a specified service with a directory service process executing on a second computer;
 - b. the directory service process creating a registration for the first component of software;
 - c. a second component of software executing on a third computer and communicating a request to the directory service process, the request representative of a request to access and interact with the specified service provided by the first component of software;
 - d. the directory service process, responsive to receiving the request, locating the registration entry for the first component of software, and facilitating communication with the first component of software on behalf of the second component of software.
2. The method of claim 1 wherein the specified service is a software engine service.
3. The method of claim 1 wherein the specified service is an authentication service.

4. The method of claim 1 wherein the specified service is a generic front end loading service.
5. The method of claim 1 wherein the specified service is a payment connection service.
6. The method of claim 1 wherein the specified service is a data sharing service.
7. The method of claim 1 wherein the specified service is a medical test results reporting service
8. The method of claim 1 wherein the specified service is a data store forwarding service.
9. The method of claim 1 wherein the specified service is a physician pharmaceutical service.
10. The method of claim 1 wherein the specified service is an academic transcript service.
11. The method of claim 1 wherein the specified service is a public office election service.
12. The method of claim 1 wherein the specified service is a medical records service.
13. The method of claim 1 wherein the specified service is a resume matching service.

14. The method of claim 1 wherein the specified service is a company credit reporting service.
15. The method of claim 1 wherein the specified service is a prepay service.
16. The method of claim 1 wherein the specified service is a translation service.
17. The method of claim 1 wherein the specified service is an environment service.
18. Computer readable media containing computer instructions implementing the method of claim 1.
19. In a network comprised of a multiplicity of computers, each computer having a communication device, each computer having an operating system with interfaces for communication connectivity and synchronization, a method for using a service, the method comprising:
- a. a first component of software executing on a first computer and registers as a specified service with a directory service process executing on a second computer;
 - b. the directory service process creating a registration entry in a registry for the specified service;
 - c. a second component of software executing on a third computer and communicating a request to the directory service process, the request representative of a request to communicate with the specified service provided by the first component of software;
 - d. the directory service process, responsive to receiving the request, locating the registration entry for the first component of software, and creating a transaction in progress registration entry, the transaction entry having a transaction the unique identifier;

- e. the directory service process connects to specified service provided by first component of software and communicating the transaction the unique identifier;
- f. the specified service receiving the transaction the unique identifier and both the directory service process and the specified service disconnect from the communication;
- g. the specified service connects to the directory service and communicating the transaction the unique identifier; and
- h. the directory service, responsive to receiving the transaction the unique identifier, connects the specified service to the second component of software.

20. Computer readable media containing computer instructions implementing the method of claim 1.